

Appl. No. 10/820,590
Docket No. 9031R
Amdt. dated October 27, 2008
Reply to Office Action mailed on May 28, 2008
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A packaged tooth whitening product, comprising:
a backing layer;
a layer of a tooth whitening composition comprising ~~a mixture of a~~ first and second ~~polymers~~ polymer, from about 10% to about 90% water, and a tooth whitening agent, wherein said first polymer is polyethylene oxide and said second polymer is polyvinyl alcohol.

Claim 2 (Previously Presented): The packaged tooth whitening product of claim 1, wherein the concentration of said first polymer is between about 10% and about 90% by weight of said tooth whitening composition.

Claim 3 (Previously Presented): The packaged tooth whitening product of claim 1, wherein the concentration of said second polymer is between about 0.5% and about 50% by weight of said tooth whitening composition.

Claim 4 (Cancelled).

Claim 5 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said tooth whitening composition further comprises a plasticizer having a concentration between about 1% and about 80% by weight of said tooth whitening composition.

Claim 6 (Previously Presented): The packaged tooth whitening product of claim 5, wherein said plasticizer is polyethylene glycol.

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Claim 7 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said polyvinyl alcohol has a hydrolysis between about 70% and about 91%.

Claim 8 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said backing layer is a laminate.

Claim 9 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said polyethylene oxide has an average molecular weight between about 300,000 and about 900,000.

Claim 10 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said tooth whitening composition comprises a mixture of two or more polyethylene oxides and wherein said polyethylene oxides have different average molecular weights.

Claim 11 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said tooth whitening agent is hydrogen peroxide.

Claim 12 (Previously Presented): The packaged tooth whitening product of claim 1, wherein said first and second polymers are water soluble.

Claims 13-16 (Cancelled).

Claim 17 (Currently Amended): The packaged tooth whitening product of claim 1, wherein the layer of a tooth whitening composition ~~is a layer that~~ is substantially coextensive with the backing layer.

Claim 18 (Previously Presented): The packaged tooth whitening product of claim 1, wherein the backing layer is substantially water impermeable.

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Claim 19 (Previously Presented): The packaged tooth whitening product of claim 1, wherein the backing layer is discontinuous.

Claim 20 (Currently Amended): The packaged tooth whitening product of claim 1, wherein the backing layer comprises a plurality of ~~hours~~ holes.

Claim 21 (Currently Amended): The packaged tooth whitening product of claim 20, wherein the tooth whitening composition comprises a plurality of ~~hours~~ holes.

Claim 22 (Previously Presented): The packaged tooth whitening product of claim 1, wherein the tooth whitening product has a thickness less than about 1 mm.

Claim 23 (Previously Presented): The packaged tooth whitening product of claim 1, wherein the tooth whitening composition is formed by casting.